Long Pan

List of Publications by Year
in descending order

29 papers	1,282 citations	430442 18 h-index	500791 28 g-index
29 all docs	29 docs citations	29 times ranked	1897 citing authors

#	Article	IF	Citations
1	Smart Hybridization of TiO₂ Nanorods and Fe₃O₄ Nanoparticles with Pristine Graphene Nanosheets: Hierarchically Nanoengineered Ternary Heterostructures for Highâ€Rate Lithium Storage. Advanced Functional Materials, 2015, 25, 3341-3350.	7.8	183
2	MXeneâ€Derived Ti_nO₂_{nâ^'}₁ Quantum Dots Distributed on Porous Carbon Nanosheets for Stable and Longâ€Life Liâ€“S Batteries: Enhanced Polysulfide Mediation via Defect Engineering. Advanced Materials, 2021, 33, e2008447.	11.1	115
3	Molecular level distribution of black phosphorus quantum dots on nitrogen-doped graphene nanosheets for superior lithium storage. Nano Energy, 2016, 30, 347-354.	8.2	107
4	Dynamics and control of active sites in hierarchically nanostructured cobalt phosphide/chalcogenide-based electrocatalysts for water splitting. Energy and Environmental Science, 2022, 15, 727-739.	15.6	96
5	Delicate ternary heterostructures achieved by hierarchical co-assembly of Ag and Fe₃O₄ nanoparticles on MoS₂ nanosheets: morphological and compositional synergy in reversible lithium storage. Journal of Materials Chemistry A, 2015, 3, 2726-2733.	5.2	76
6	Fast Naâ€Ion Intercalation in Zinc Vanadate for Highâ€Performance Naâ€Ion Hybrid Capacitor. Advanced Energy Materials, 2018, 8, 1802800.	10.2	72
7	Surface Selenization Strategy for V₂CT_x MXene toward Superior Zn-Ion Storage. ACS Nano, 2022, 16, 2711-2720.	7.3	71
8	Hierarchical assembly of SnO₂ nanowires on MnO₂ nanosheets: a novel 1/2D hybrid architecture for high-capacity, reversible lithium storage. Journal of Materials Chemistry A, 2015, 3, 6477-6483.	5.2	66
9	Role of MXene surface terminations in electrochemical energy storage: A review. Chinese Chemical Letters, 2021, 32, 2648-2658.	4.8	62
10	Coordinationâ€Driven Hierarchical Assembly of Silver Nanoparticles on MoS₂ Nanosheets for Improved Lithium Storage. Chemistry - an Asian Journal, 2014, 9, 1519-1524.	1.7	55
11	Hybrid Architectures based on 2D MXenes and Lowâ€Dimensional Inorganic Nanostructures: Methods, Synergies, and Energyâ€Related Applications. Small, 2018, 14, e1803632.	5.2	54
12	Hydrogel-derived foams of nitrogen-doped carbon loaded with Sn nanodots for high-mass-loading Na-ion storage. Energy Storage Materials, 2019, 16, 519-526.	9.5	47
13	Facile and Green Production of Impurityâ€Free Aqueous Solutions of WS₂ Nanosheets by Direct Exfoliation in Water. Small, 2016, 12, 6703-6713.	5.2	44
14	Multi-dimensionally ordered, multi-functionally integrated r-GO@TiO2(B)@Mn3O4 yolkâ€“membraneâ€“shell superstructures for ultrafast lithium storage. Nano Research, 2016, 9, 2057-2069.	5.8	38
15	A universal strategy for thein situsynthesis of TiO₂(B) nanosheets on pristine carbon nanomaterials for high-rate lithium storage. Journal of Materials Chemistry A, 2018, 6, 7070-7079.	5.2	27
16	Structurally disordered Ta2O5 aerogel for high-rate and highly stable Li-ion and Na-ion storage through surface redox pseudocapacitance. Electrochimica Acta, 2019, 321, 134645.	2.6	27
17	Layered metal vanadates with different interlayer cations for high-rate Na-ion storage. Journal of Materials Chemistry A, 2019, 7, 16109-16116.	5.2	26
18	CO₂-Stimulated morphology transition of ABC miktoarm star terpolymer assemblies. Polymer Chemistry, 2017, 8, 2833-2840.	1.9	22

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19	Ti₃C₂T_x nanosheet wrapped coreâ€“shell MnO₂ nanorods @ hollow porous carbon as a multifunctional polysulfide mediator for improved Liâ€“S batteries. Nanoscale, 2020, 12, 24196-24205.	2.8	17
20	Layered hydrotalcite derived holey porous cobalt oxide nanosheets coated with nitrogen-doped carbon for high-mass-loading Li-ion storage. Journal of Materials Chemistry A, 2020, 8, 26150-26157.	5.2	16
21	Recent Developments of Preintercalated Cathodes for Rechargeable Aqueous Znâ€Ion Batteries. Energy Technology, 2021, 9, 2000829.	1.8	12
22	Gradient Multilayer Design of Ti₃C₂T_x MXene Nanocomposite for Strong and Broadband Microwave Absorption. Small Science, 2022, 2, .	5.8	12
23	Coordinationâ€Driven Hierarchical Assembly of Hybrid Nanostructures Based on 2D Materials. Small, 2020, 16, 1902779.	5.2	11
24	Surface energy-driven ex situ hierarchical assembly of low-dimensional nanomaterials on graphene aerogels: a versatile strategy. Journal of Materials Chemistry A, 2018, 6, 18551-18560.	5.2	10
25	Layered cobalt hydrotalcite as an advanced lithium-ion anode material with high capacity and rate capability. Journal of Materials Chemistry A, 2019, 7, 21264-21269.	5.2	7
26	Interface energy-driven indium whisker growth on ceramic substrates. Journal of Materials Science: Materials in Electronics, 2021, 32, 16881-16888.	1.1	5
27	The formation mechanism of Ti2InC by pressureless sintering and optimization of synthesis parameters. Journal of the Australian Ceramic Society, 2021, 57, 911-917.	1.1	2
28	An advanced cathode material for high-power Li-ion storage full cells with a long lifespan. Journal of Materials Chemistry A, 2019, 7, 22444-22452.	5.2	1
29	Thin Yet Strong Composite Polymer Electrolyte Reinforced by Nanofibrous Membrane for Flexible Dendriteâ€Free Solidâ€State Lithium Metal Batteries. Advanced Energy and Sustainability Research, 0, , 2100193.	2.8	1